

# **Safety and Occupational Health Advisory Council**

**1<sup>st</sup> and 2<sup>nd</sup> Qtr. FY14 vs FY15  
Prepared by: Installation Safety Office  
For: Team WSMR  
22 April 2015**

**U.S. Army Test and Evaluation  
Command**





# AGENDA

## A

- Introduction – Randy Grunow, Director, Installation Safety Office
- Accidents and Incidents – Robert Duran, Chief, Garrison Safety Office
- Safety Training and Safety Coordinator Program Update – Robert Duran, Chief, Garrison Safety Office
- Traffic Update – Chief Wayne Cates, DES
- Industrial Hygiene – Ray Gruben, Industrial Hygiene MEDCOM
- Occupational Health – Dr. Ronald Ross, PhD, MD, Chief OH, MEDCOM
- Workers' Compensation – Cindi Romero, ICPA Coordinator
- Comments – All





# INTRODUCTION

## SOHAC

- Conducted twice per year IAW AR 385-10.
- Chaired by the Commanding General or Designee.
- SOHAC meetings are held when the Commanding General, Garrison Commander, and Test Center Commander are present.
- Attended by Team WSMR:
  - Commanders/Directors
  - Team White Sands Senior Leaders



# INTRODUCTION

## Senior Leaders will:

- Assure all managers are briefed on accident prevention/safety & occupational health responsibilities and risk management on a yearly basis.
- Assure all managers and supervisors attend or complete online required safety training without Command reminders.
- Attend all SOHAC Meetings and assure all information is disseminated to the lowest level.
- Submit a thoroughly investigated 285 AB Abbreviated Ground Accident Report (AGAR) specifying Root Cause and Corrective Action utilizing the Army's online accident reporting tool "REPORTIT".
- Attend all required Accident Review Boards. All Class A accidents will be chaired by the Senior Mission Commander.





# INTRODUCTION

## Senior Leaders will: (continued)

- Present a briefing and written summary to GC/TC Command for all Class A, B, and selected Class C accidents.
- Review directorate accident/incident data prior to attending the SOHAC.
- Continuous review of the WSMR Safety Action Plan.
- Meet with Safety Coordinator to review accident/incident data, work requests, inspections/corrective actions, safety training, etc.
- Counsel all employees who receive installation traffic violations (reference: WSMR Regulation 190-3) and take the action identified in WSMRR 385-18 when AMV accidents results in citations.





# INTRODUCTION

- **Reportable Accidents (reportable to WSMR)**
  - All accidents are reportable. This includes minor first aid accidents (no lost time away from work, minor cuts, scrapes, bruises). All accidents involving damage to army property are to be reported.
- **Recordable Accidents (recordable to DA)**
  - Accidents involving lost time from work.  
Reported to higher headquarters. Accidents resulting in \$5,000.00 dollars or more in damage.





# ACCIDENTS/INCIDENTS

## Accidents/Incidents 1<sup>st</sup> and 2<sup>nd</sup> Qtr. FY14 vs FY15

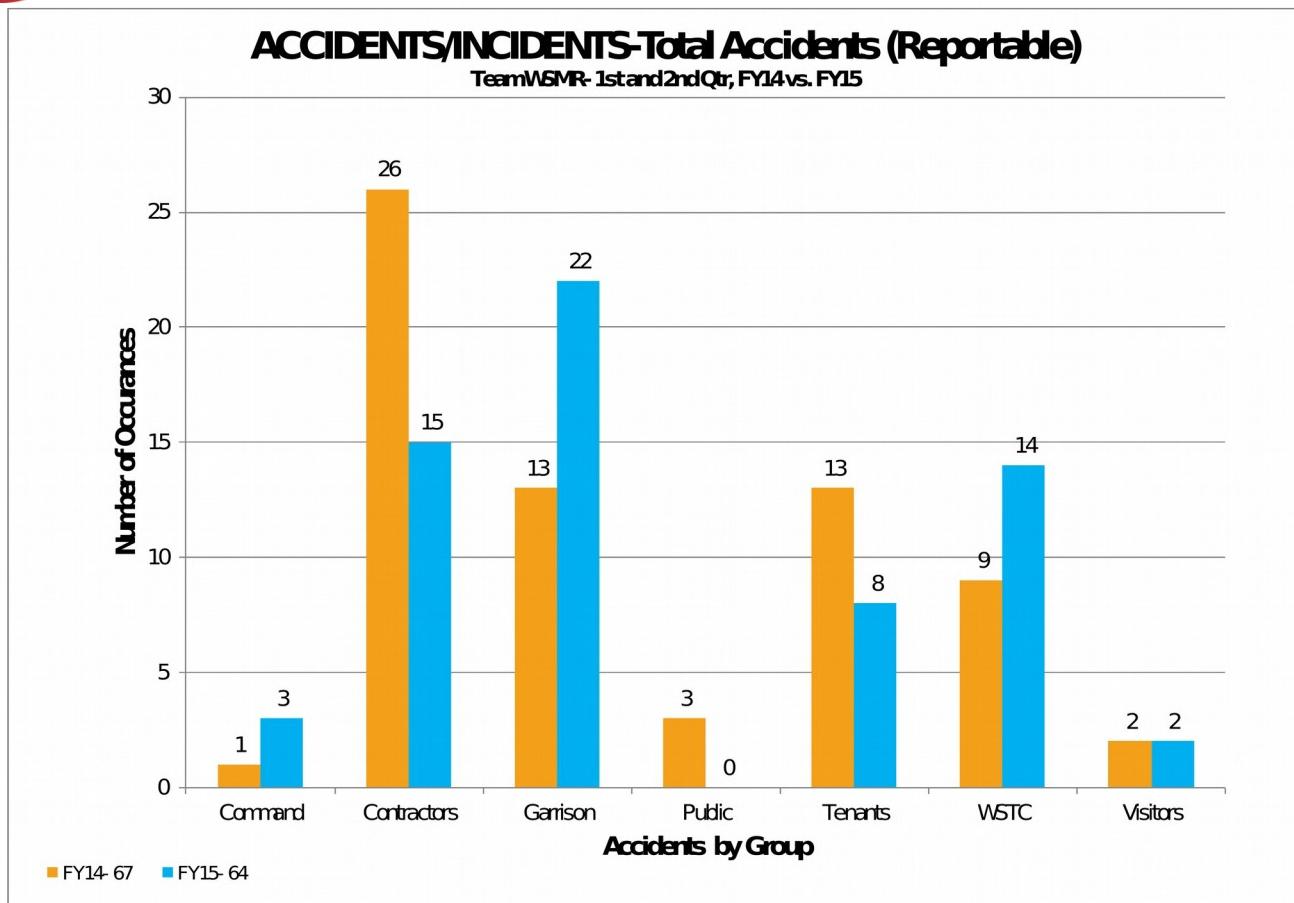
Robert Duran, Chief, Garrison  
Safety Office





## ACCIDENTS/INCIDENTS-Total Accidents (Reportable)

TeamWSMR- 1st and 2nd Qtr, FY14 vs. FY15

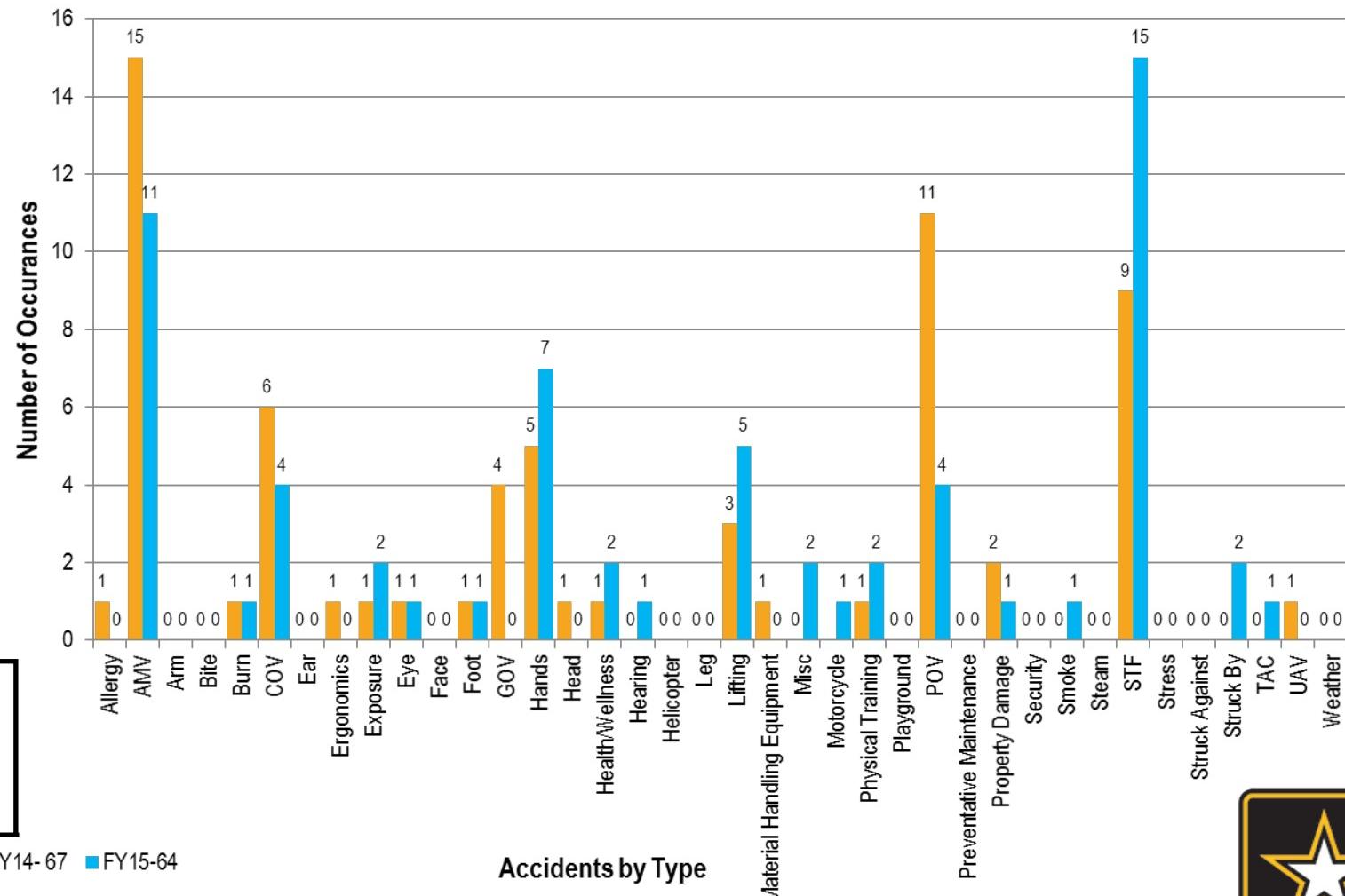


**FY15 5%  
decrease  
vs.  
FY14.**



## ACCIDENTS/INCIDENTS-By Type

Team WSMR - 1st and 2nd Qtr, FY14 vs. FY15



**FY15 5% decrease vs. FY14.**

■ FY14- 67   ■ FY15-64

Accidents by Type



## DA Recordable Accidents-All Groups

Total DA Recordable			
	1st and 2nd Qtr FY14	1st and 2nd Qtr FY15	
<b>Command</b>	Class A	Class A	
	Class B	Class B	
	Class C	Class C	
	Class D	Class D	
	Class E	Class E	
<b>Sub Total</b>			
<b>Contractors</b>	Class A	Class A	
	Class B	Class B	
	Class C	Class C	
	Class D	1	1
	Class E	Class E	
<b>Sub Total</b>	1		1
<b>Garrison</b>	Class A	Class A	
	Class B	Class B	
	Class C	Class C	3
	Class D	Class D	4
	Class E	Class E	
<b>Sub Total</b>			7
<b>WSTC</b>	Class A	Class A	
	Class B	Class B	
	Class C	Class C	1
	Class D	2	Class D
	Class E	Class E	
<b>Sub Total</b>	2		1
<b>Total</b>	3		9

**FY15  
200%  
increase  
vs.  
FY14.**





# ACCIDENTS/INCIDENTS

## WSMR Top 3

- Slip, Trips, and Falls-15
- AMV-11
- Hands-7





# Total Accidents- Slips, Trips, and Falls

Slips, Trips, and Falls				
Command	1st and 2nd Qtr. FY14 Total Accidents	1st and 2nd Qtr. FY14 LWD	1st and 2nd Qtr. FY15 Total Accidents	1st and 2nd Qtr. FY15 LWD
<b>Command</b>			<b>1</b>	
<b>Contractor</b>	<b>2</b>		<b>1</b>	
<b>Garrison</b>	<b>4</b>		<b>6</b>	<b>120</b>
<b>Public</b>				
<b>Tenants</b>	<b>1</b>		<b>2</b>	
<b>Visitors</b>				
<b>WSTC</b>	<b>2</b>		<b>5</b>	
<b>TOTALS</b>	<b>9</b>	<b>0</b>	<b>15</b>	<b>120</b>

	1st and 2nd Qtr. FY14 Total Accidents	1st and 2nd Qtr. FY15 Total Accidents		
<b>Slips</b>	<b>3</b>	<b>4</b>		<b>120</b>
<b>Trips</b>	<b>1</b>	<b>2</b>		
<b>Falls</b>	<b>5</b>	<b>9</b>		
<b>TOTALS</b>	<b>9</b>	<b>0</b>	<b>15</b>	<b>120</b>

**FY15 66% increase vs. FY14.**





# ACCIDENTS/INCIDENTS

## Slip, Trip and Fall (STF) Root Causes:

- **Slips - Slippery conditions**
- **Trips - Uneven surfaces, unnecessary haste, improper maintenance, poor housekeeping**
- **Falls - Improper work technique, faulty equipment**





# ACCIDENTS/INCIDENTS

## Prevention Strategies-

### STF

- Ensure housekeeping during facility inspections.
- Ensure housekeeping during new construction.
- Conduct thorough accident investigations.
- Follow up or submit work orders for identified hazards, such as for increasing lighting and repairing uneven walking surfaces.
- Examine contributing factors i.e. footwear.
- Target training of hazard recognition during New Employee Orientation briefing.
- Awareness Campaign- Missile Ranger articles, Safety Grams, Accident Alerts.





# Total Accidents- AMV Accidents

<b>AMV Root Causes:</b>	<b>FY14, 1st and 2nd Qtr.</b>	<b>FY 15, 1st and 2nd Qtr.</b>
<b>AMV/AMV</b>	<b>1</b>	
<b>AMV/Hit and Run</b>	<b>1</b>	
<b>AMV/Object</b>	<b>4</b>	<b>8</b>
<b>AMV/POV</b>	<b>4</b>	
<b>AMV/Wildlife</b>	<b>5</b>	<b>3</b>
<b>Totals</b>	<b>15</b>	<b>11</b>

**FY15 27% decrease vs. FY14.**





# ACCIDENTS/INCIDENTS

## Prevention Strategies- AMV

- Train Newcomers on wildlife hazards.
- Supervisor counsel employees.
- Installation of road warning signs, placement of signs in high incidence areas.
- Improve roadways.
- Awareness Campaign- Missile Ranger articles, Safety grams, Accident Alerts, Testimonials.
- Focus for Installation Safety Day and other WSMR events.





# Total Accidents- Hand Injuries

Hand Injuries		
Command	1st and 2nd Qtr. FY14 Total Accidents	1st and 2nd Qtr. FY15 Total Accidents
Command		
Contractor		
Garrison		2
Public		
Tenants	3	2
Visitors	1	
WSTC	1	3
<b>TOTALS</b>	<b>5</b>	<b>7</b>

FY15 29%  
increase  
vs.  
FY14.





# ACCIDENTS/INCIDENTS

## Prevention Strategies-Hand Injuries

- Increase Situational Awareness- Pay attention to the task.
- Choose the proper PPE and always utilize PPE (Gloves).
- Ensure proper work technique, proper posture, and organize work area.
- Do not remove machine guards.
- Tag out or remove damaged tools from work area.
- Select ergonomically designed tools.





# New OSHA Reporting Requirements

## NEW OSHA REQUIREMENTS January 1, 2015

Effective January 1, 2015  
new recordkeeping requirements will  
be in effect for all businesses.

8  
24  
24

ALL fatalities  
(regardless if they are  
work related or not)  
must be reported to  
OSHA within 8 hours  
of occurrence

If ANY employee  
is hospitalized  
(admitted),  
OSHA must be notified  
within 24 hours

ANY amputation  
or loss of eye must  
also be reported  
within 24 hours

**Report all accidents as  
soon as possible to  
Installation Safety Office!**





# Job Hazard Analysis

- Team effort (Supervisor and employee)
- All employees must have a JHA.
- Approved by Supervisor
- Final approval by Safety Office
- No standard form but at a minimum should include:
  - Job tasks
  - Potential hazards
  - Preventative Measures
- Don't confuse with Hazard Analysis utilized for SOPs





# Respirator Protection Program

- **JHA identifies potential need for respirator.**
- **Supervisor contacts Industrial Hygiene for evaluation of work site.**
- **Occupational Health enrolls employee into medical surveillance program, conducts medical clearance and issues "Green Card".**
- **Garrison Safety Office conducts Fit Testing.**
- **Organization purchases Respirator.**





# Accident Prevention

## To report Hazards or Near Misses:

- Complete DA Form 4755
- Email message to Safety Specialist
- Link on WSMR Website
- ICE Suggestion Program
- Telephone
- Fax
- Suggestion Box
- Log in/Pop up Safety Message

**Safety Responsibility  
Depends on Everyone**





# SAFETY TRAINING

- Training conducted upon request by ISO:
  - Accident Prevention
  - Advanced, Basic, and Experienced Riders Courses
  - Ammo and Weapons Safety
  - Composite Risk Management
  - Confined Space Training
  - Fall Protection
  - Hazard Communication
  - Job Hazard Analysis
  - Lock Out/ Tag Out
  - New Comers Safety Orientation
  - Radiation Safety
  - Range Safety Awareness Briefing (NIE)
  - Respiratory Fit Testing, Cleaning, Storage and Disposal Procedures)
  - Slip, Trips and Falls
  - UXO Awareness





# WSMR Safety Coordinator Program

## References:

- AR 385-10, The Army Safety Program, 27, November 2013
- DA PAM 385-10, The Army Safety Program, 19, January 2010
- ATP 5-19, Risk Management, 14, April 2014
- ATEC Regulation 385-1, ATEC Safety Program, 18, February 2010
- WSMR 385-18, Command Safety Program, 02, February 2012
- OSHA, 29 CFR 1960.58, Training of Collateral Duty Safety and Health Personnel and Committee Members.
- WSMR Policy Letter, Safety Coordinator Responsibilities, 06 October 2014





# Safety Coordinator Responsibilities

- Safety Coordinators assist ISO with safety mission.
- Safety Coordinators maintain communication between employees and management regarding safety issues.
- Safety Coordinators must be GS-11 or above and must complete on-line training (located on Army's Combat Readiness Center website) within 30 days of appointment.
- Safety Coordinators schedule safety meetings to include mandatory topics.
- Safety Coordinators will assist the ISO with accident investigations.
- Safety Coordinators promote safety.
- Safety Coordinators perform safety inspections quarterly and archive records.
- Attend a Safety Coordinator meeting when called by the ISO.
- Attend a Hazardous Analysis Working Group (HAWG)





# WSMR Safety Coordinator Program

<b>Code:</b>	<b>Organization:</b>	<b>Appointment Order Date</b>	<b>Directors</b>	<b>Safety Office POC</b>	<b>Response Group</b>	<b>Primary or Alternative</b>	<b>Name:</b>	
AF	Air Force	5/29/2014	Morgenstern, Shawn LT COL	Bogle, Monica	Updated	Tenant	Primary	Deardorff, B.
AA	Army Air	6/3/2014	Edwards, Jon D	Davis, Mike	Updated	Test Center	Primary	Lowe, C.
CCM	Center for Countermeasures	3/11/2014	Rogers, Rodney	Ayoub, Mark	Updated	Tenant	Primary	Boerstler, C.
CPAC	Civilian Personnel Advisory Center	2/27/2014	Harris, Donna L.	Garcia, Terry	No Change	Tenant	Primary	Chacon, Y.
DTRA	Defense Threat Reduction Agency	6/6/2014	Area, James LCDR	Ayoub, Mark	Updated	Tenant	Primary	Duke, D.
DENTAC	Dental Clinic	4/10/2014	Swagerty, Christopher, MAJ	Doble, Samantha	Updated	Tenant	Primary	Swagerty, C.
DPW	Directorate of Public Works	11/24/2014	Ladd, Thomas A.	Hubbard, Sammie	Updated	Garrison	Primary	Smith, Susan
DPTMS	Directorate, Plans, Training, Mobilization & Security	4/1/2014	Veara, Gerry	Hart, Mike	Updated	Garrison	Primary	Judd, A.
DPTMS-FW	DPTMS-Fort Wingate FW	1/5/2012	Veara, Gerry	Hart, Mike	No Change	Garrison	Primary	Cruz, R.
DES-FD	Fire Department	6/11/2014	Sotos, Carlos Jr.	Hubbard, Sammie	Updated	Garrison	Primary	Cannedy, J.
DES-FD	Fire Department	6/11/2014	Sotos, Carlos Jr.	Hubbard, Sammie	Updated	Garrison	Primary	De la Paz, M.
GCOM	Garrison Command M	12/19/2013	Michelson, B, COL	Garcia, Terry	Updated	Garrison	Primary	Cadena, R.
GRM	Garrison Resource Management	2/19/2014	Towns, Barbara	Garcia, Terry	Updated	Garrison	Primary	Torres, R.
HR	Human Resources	6/4/2014	Stark, Bobby	Garcia, Terry	No Change	Garrison	Primary	Walker, C.
IM	Information Management	3/13/2014	Tubbs, Mark	Bogle, Monica	Updated	Test Center	Primary	Juul, G.
IG	Inspector General	5/27/2014	Weare, J. MAJ	Garcia, Terry	Updated	Command	Primary	Tucker, C.
MHC	McAfee Army Health Clinic	11/25/2013	Villacorta, Elba, LTC	Doble, Samantha	26 Updated	Tenant	Primary	Merino, A.





# WSMR Safety Coordinator Program

Code:	Organization:	Appointment Order Date	Directors	Safety Office POC	Response	Group	Primary or Alternative	Name:
NGA	National Geospatial-Intelligence Agency	10/15/2014	Bird, Christian		New	Tenant	Primary	Lujan, Roberta
Navy	Navy	6/16/2014	Scott, R. D. CMDR	Ayoub, Mark	Updated	Tenant	Primary	Raines, B.
PAT	Patriot	10/30/2014	Woodhouse, Michael, CPT	Ayoub, Mark	New	Tenant	Primary	Ludwig, Kerri CW3
PAIO	Plans, Analysis and Integration Office	6/2/2014	Zortman, Anna	Garcia, Terry	Updated	Garrison	Primary	Turo-Hughes, D.
PAO	Public Affairs Office	12/1/2010	Dorrance, Erin	Hart, Mike	No Change	Command	Primary	Salazar, J.
RCC	Range Commanders Council	6/2/2014	Mann, Paul	Ayoub, Mark	Updated	Command	Primary	Kennedy, E.
RO	Range Operations	12/9/2014	Harding, Gilbert	Pomar, Michelle	1/13/2015	Test Center	Primary	Maitland, J.
RSO	Religious Services	6/5/2014	West, Bradley LTC	Doble, Samantha	Updated	Garrison	Primary	McCormick, S.
SDF	Site Defense Force	3/26/2014	Lopez, Arthur	Ayoub, Mark	Updated	Test Center	Primary	Hackbarth, T.
SJA	Staff Judge Advocate	5/27/2014	LTC Tran	Garcia, Terry	Updated	Command	Primary	Salas, B.
SI	Strategic Initiatives	3/27/2014	Devogel, Gregory	Ayoub, Mark	Updated	Command	Primary	Bogle, S.
SV	Survivability, Vulnerability, & Assessment Directorate	12/2/2013	Brady, Randy	Ayoub, Mark	Updated	Test Center	Primary	Hunter, J.
SV-FBR	Survivability, Vulnerability, & Assessment Directorate Fast Burst Reactor Facility	1/7/2010	Sage, Frank N.	Haworth, Pat; Ayoub, Mark	Updated	Test Center	Primary	Albert, D.
SE	Systems Engineering Directorate	3/3/2015	Vickers, Gregory	Davis, Mike	Updated	Command	Primary	Raymond, D.
SE	Systems Engineering Directorate	3/3/2015	Vickers, Gregory	Savis, Mike	Updated	Command	Primary	Tolles, David
TC-RM	Test Center Resource Management	6/18/2014	Way, Dawn	Ayoub, Mark	Updated	Command	Primary	Brennan-Tubbs, S.

**NOTE: Army Research Laboratory (ARL) has a fulltime Safety Professional (Doug Harmony) on staff.**





# Safety Coordinator wsmr (\ \ hal) (z:) Responsibilities

## Safety Coordinator

- Appointment Letters
- Safety Meeting topics
- WSMR Policy letters
- Safety Regulations
- Other Safety related information





# WSMR Safety Violations



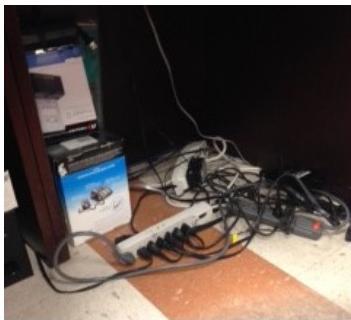
Radar 124 (Stallion)-  
Damaged concrete  
stairs leading to roof.



22640-Rodent  
droppings



Former ASP building-  
Structural cracks.



Building 1621-  
Insufficient  
receptacles.



RR 252-Road  
damage.



23626-Water  
leak and mold  
next to junction  
box.





# TRAFFIC UPDATE

## Traffic Update 1<sup>st</sup> and 2<sup>nd</sup> Qtr. FY14 vs FY15

Chief Wayne Cates, DES





## TRAFFIC STATISTICS

# Crash Information

Type of Crashes	FY-14 1 <sup>st</sup> & 2 <sup>nd</sup> Qtr	FY- 15 1 <sup>st</sup> & 2 <sup>nd</sup> Qtr
GOV to GOV	1	2
GOV to POV	5	0
GOV to Object	7	9
GOV to Animal	4	4
GOV to Pedestrian	0	0
POV to POV	6	4
POV to Object	10	7
POV to Animal	6	2
POV to Pedestrian	0	0
Single Vehicle (POV)	4	3
Single Vehicle (GOV)	3	1
Hit and Run (POV)		
Hit and Run (GOV)	2	4
Total No. of crashes	49	37

### FY-15 1<sup>st</sup> and 2<sup>nd</sup> Qtr Crashes:

- 37 crashes recorded for the FY 15 1<sup>st</sup> and 2<sup>nd</sup> Quarter, the following statistics are based on reported traffic collisions to the WSMR DES.
- Highest category of crashes involved POV vehicles (20). Highest number of crashes total involved vehicle to objects (16), (telephone poles, curves, gates, and barriers) and occurred in parking lots, work sites, and gate entry points.
- 6 crashes involved animals. 5 of these occurred up range, North of US Hwy 70 on isolated roads, and 1 occurred South of Hwy 70 on Owens Road. 4 of these collisions involved Oryx and 2 were Deer.

### OTHER INFORMATION:

- Crashes decreased by 12 in FY-15 1<sup>st</sup> and 2<sup>nd</sup> Quarter compared to FY-14 1<sup>st</sup> and 2<sup>nd</sup> Quarter totals.
- Reasons for the decrease in the FY-15 1<sup>st</sup> and 2<sup>nd</sup> Quarters from the FY-14 1<sup>st</sup> and 2<sup>nd</sup> Quarters were due to:
  - Increase in drivers awareness of their surrounding, public safety announcement through the media.
  - Population decreased causing less traffic flow.



U.S. ARMY



# Traffic Crashes Break Down

## FY-15, 1<sup>st</sup> and 2<sup>nd</sup> Qtr

Time:

0000 - 0200 =

0

0200 - 0400 =

0

0400 - 0600 =

1

0600 - 0800 =

7

0800 - 1000 =

5

1000 - 1200 =

5

1200 - 1400 =

5

1400 - 1600 =

3

1600 - 1800 =

6

1800 - 2000 =

3

2000 - 2200 =

1

Day:

Sun = 4

Mon = 6

Tues = 4

Wed = 5

Thurs = 10

Fri = 6

Sat = 2

Highest per day

Thursday  
27.02% occurred on Thursday. Peak  
hours were between 0600-0800.  
Total: 37

Age:

15 - 19 = 2

20 - 29 = 9

30 - 39 = 9

40 - 49 = 5

50 - 59 = 8

60 - Over = 4

32 identified

5 not identified  
due being Hit

Type of Vehicle Involved:

Non-Tactical Vehicles

Pick-up Truck = 22

SUV =

0

Sedan =

8

Van =

2

Motorcycle = 1

Semi T/T =

1

Ambulance = 0

Fire Truck =

2

Heavy Equip = 0

Tactical Vehicles

Buses =

1





# Traffic Violations Reported to Directorates

	FY-14 1 <sup>st</sup> and 2 <sup>nd</sup> Qtr		FY-15 1 <sup>st</sup> and 2 <sup>nd</sup> Qtr	
	1408 Issued	CVB Issued	1408 Issued	CVB Issued
<b>Speeding</b>	<b>102</b>	<b>125</b>	<b>42</b>	<b>45</b>
<b>No License/Suspended</b>	<b>0</b>	<b>25</b>	<b>1</b>	<b>36</b>
<b>Cell Phone Use</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>No Insurance</b>	<b>0</b>	<b>13</b>	<b>2</b>	<b>6</b>
<b>No Seatbelt/child car seats</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>2</b>
<b>Failure to Yield/Stop</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>4</b>
<b>Driving While Intoxicated</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>Careless Driving/Inattentive Driving</b>	<b>3</b>	<b>2</b>	<b>13</b>	<b>2</b>
<b>Other Non moving/moving violations, such as open containers, head/tail &amp; license plate lights, veh/reg</b>	<b>46</b>	<b>11</b>	<b>18</b>	<b>18</b>
	<b>Total = 161</b>	<b>Total 185</b>	<b>Total = 94</b>	<b>Total = 143</b>



# Initiatives

## Law Enforcement:

- Continue increased traffic enforcement in and around the housing area, school, Stallion Range Center, Range Road 7, Owen Road, Nike Avenue, and Headquarters Avenue.
- Sustain radar certification and speed enforcement, use of message boards and speed trailers.
- Continue to adjust speed enforcement measures to locations identified as high percentage areas in which violations are occurring.

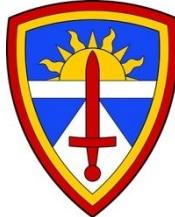
**Directorates/Units/Agencies:** Increase awareness and place emphasis during safety meetings on speed, backing and driver attention specifically address parking lot safety.





# Industrial Hygiene

Ray Gruben, Industrial Hygiene  
McAfee Clinic



# Industrial Hygiene

- Part of the McAfee team
- Identify exposures
  - Areas: chemical, physical agents, biological, ergonomic.
  - Help improve controls
    - Engineering
    - Administrative
    - PPE
  - Medical surveillance
- Provided IH input to the WSMR Reg 385-18 update.





# IH Visits

- Industrial Hygiene visits
  - IH Basic Surveys – 32
  - Ventilation Assessments – 8 systems evaluated
  - Service Requests – 16
  - IH Projects – 7 (Respiratory and noise as mentioned below)
- Total
  - Nov. 2014– March 2015 = 63





# Industrial Hygiene - Chemical

- Respiratory Protection - working to improve supervisor forms for OH.
- Hazardous Materials
  - IH working to be a reviewer of new materials.
  - Enterprise Environmental Safety and Occupational Health Management Informational System (EESOH-MIS).





# Industrial Hygiene - Chemical

- Small Arms Testing
  - Lead Air Sampling on-going per OSHA 1910.1025, above PEL.
  - Quarterly sampling until below PEL twice
- Chemical Hygiene Plan
  - Considered as part of the review for WSMR Reg 385-18.
  - Recommended that it become another document so it can be more easily changed after annual review.





# Industrial Hygiene - Physical Agents

- Noise – verification of those in the Hearing Conservation Program continues.
- On-going: evaluation of noise exposures.





# Industrial Hygiene - Biological Hazards

- Continue to recommend hanta virus protection and training where appropriate.
- Assisted in training for Ebola PPE.





# Industrial Hygiene - Ergonomics

- Ergonomic surveys and interventions continue.
- Ergonomics subcommittee to the SOHAC continues to meet.
  - On site meeting at TMDE to consider an identified job (planned to do at another location).
  - Furniture installing, adjusting, and moving issue being worked.
  - Wellness programs to be a focus of a future meeting.





# Occupational Health

**Dr. Ronald Ross, PHD MD  
Chief, Occupational Health  
McAfee US Army Health and  
Dental Clinic**





# Occupational Health Agenda

- OH Staffing
- What is Occupational Medicine
- Occupational Health Services
- Required Evaluation Completion Rate
- HCP
- RPP
- CDL





# Staff Occupational Health McAfee US Army Health & Dental Clinic

SPC O. Alajo

SPC J. Wangerin

Melissa M. Amaro PA-C NCMA

Sandra Olivas-Rosales EMT

Sonya Palfenier RN BS

Ron Ross PhD MD NCMA NRCME





# OH Staffing

Current OH Staff , Six

At WSMR > 1 yr , One

Hiring Actions, One



# What Is Occupational Medicine?

- Part of Preventive Medicine
- Concerned with Health in the Workplace
- Only Functions as Part of OSH Team With:
  - Industrial Hygiene
  - Safety
  - Employees
  - FECA, CPAC
  - Managers
  - Command





# Occupational Health Services

## DODI 6055.05

**Surveillance for stressor contact**

**Certification evaluations**

**Treatment for on the job injury**

**Medical case management**

**Accommodation evaluation**

**Worksite evaluation**

**Health promotion**





# Occupational Medical Evaluation

## Surveillance for Stressor Contact

- Exposure based
- Final Check for Injurious Stressor
- Programs e.g.
  - Noise
  - Lead
  - Ionizing Radiation
  - Pesticides





# Occupational Medical Evaluation

## Certification Evaluation

- Return To Work After Illness or Injury
- Fitness For Duty
- Hiring – POPP [Post Offer Pre-Placement]
- DAC Deployment Evaluation
- Periodic Evaluation Regulated Position





# Regulated Position Certification

- CYS
- Commercial Drivers
- Public Safety Officers - WSMR Police (IRP) & Firefighters
- Explosive/Ammunition Handlers
- Nuclear Personnel Reliability Program
- DAC Deployment
- Respirator Use [RPP]





# Respiratory Protection Program

## What are the components of RPP?

- Assessment of protection needed, medical clearance for use, fit testing, training, record keeping.

## What is the medical clearance process?

- Determine it is safe for an employee to use a particular respirator, for a particular task.

## How can we know what type of respirator is used?

- IH determines the nature of respiratory hazard and what protection is needed.

## Is an escape only respirator included in RPP?

- Depends what you're talking about!

## Can an individual use a personal respirator or bring a respirator for comfort?

- Only if approved by IH, Medical and the RPP program manager.





# Hearing Conservation Program

## Why do we measure hearing?

- HCP or requirement for job.

## Who is in HCP?

- Employees whose work area IH has found to be a noise hazard.

## What if an employee who is not in HCP has hearing loss?

- Might be disqualified for job, will not receive FECA benefits, if medically indicated will be referred for medical evaluation.





# Commercial Drivers License Medical Card - Status

May 2014 New Federal Program – Medical  
Examiners Certified and Monitored by  
FMCSA

MUSAHC Year to Date:

Requested 33

- Complete 25
- Medical Hold 6
- [3 BP & 3 Diabetes]
- In progress 2





## Current Surveillance and Certification

**Spring 2014**

Green = 91 %

Red = 9%

**Fall 2014**

Green = 98 %

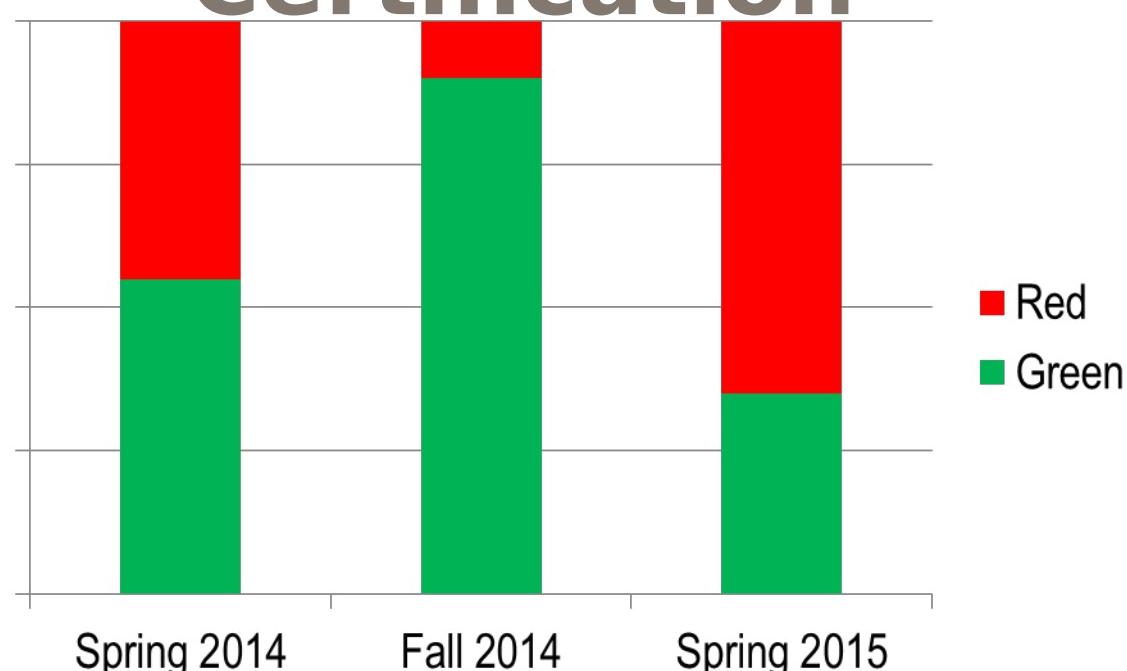
Red = 2%

**Spring 2015**

Green = 87%

Red = 13%

**575**



**Total number = 658**

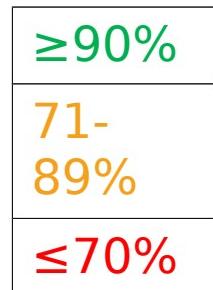
**Complete =**





# WSMR Medical Surveillance

Overall Medical Surveillance Status	Fall 2014	Spring 2015
Tenant Organizations Overall	100% 153/153	87% 125/143
Naval Surface Warfare Center	100% 40/40	82% 31/38
McAfee Health Clinic	100% 46/46	92% 35/38
Logistics Readiness Center (LRC)	100% 25/25	85% 23/27
Center for Countermeasures (CCM)	100% 22/22	95% 21/22





# WSMR Medical Surveillance

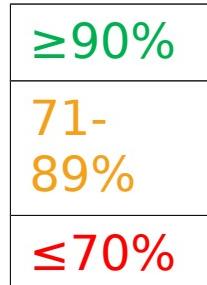
Overall Medical Surveillance Status	Fall 2014	Spring 2015
Tenant Organizations Continued		
Test Measurement	100% 3/3	100% 2/2
Diagnostic		
Equipment		
Laboratory (TMDE)		
Army Research Laboratory (ARL)	100% 12/12	100% 13/13





# WSMR Medical Surveillance

Overall Medical Surveillance Status	Fall 2014	Spring 2015
ATEC Command Organizations	96% 238/248	80% 141/176
Overall		
Material Test Directorate (MTD)	89% 34/38	71% 27/38
Survivability and Vulnerability (SVAD)	92% 69/75	85% 57/67
Army Air	100% 16/16	94% 17/18





# WSMR Medical Surveillance

Overall Medical Surveillance Status	Fall 2014	Spring 2015
ATEC Command Organizations Continued		
Range Operations Directorate (RO)	100% 46/46	72% 34/47
Radiation Protection Office	100% 6/6	100% 3/3





# WSMR Medical Surveillance

Overall Medical Surveillance Status	Fall 2014	Spring 2015	
Garrison Organizations	99.6% 286/287	90% 239/265	≥90%
Overall			71-89%
Family and Morale Welfare	100% 74/74	94% 68/72	≤70%
Recreation (F&MWR)			
Directorate of Public Works (DPW)	100% 82/82	76% 61/80	
Current Data as of 10 April 2015	100%	100%	



# WSMR Medical Surveillance

Overall Medical Surveillance Status	Fall 2014	Spring 2015	
Garrison Organizations Continued			
Directorate of Emergency Services (DES)	98% 57/58	100% 62/62	≥90%
Fire Department			71-89%
(DES) Police Officers & Guards	100% 53/53	94% 47/50	≤70%





# WSMR Medical Surveillance

Overall Medical Surveillance Status	Fall 2014	Spring 2015	
NPRP (FBR Guards, DIS, Dispatchers)			
NPRP Total Overall	100% 75/75	95% 70/74	≥90%
ATEC (FBR Guards)	N/A	93% 50/54	71-89%
ATEC (Health Physicists)	N/A	100% 3/3	≤70%
SVAD	N/A	100% 3/3	
DES	N/A	100% 9/9	
IMD	N/A	100%	



# OH Catch Up Plan

- Employee evaluations during birth month
- Employee evaluation overdue
  - Schedule evaluation ASAP
  - At birth month brief re-evaluation until next birth month
- Schedule biannual meeting with work group & IH
  - Review examination status
  - Discuss IH and Medical Surveillance Result





# Workers' Compensation

1<sup>st</sup> and 2<sup>nd</sup> Qtr. FY14 vs FY15

Ms. Cindi Romero  
Injury Compensation  
Specialist





# BREAKOUT BY COMMAND

2<sup>nd</sup> Qtr.

FY 14 vs. FY 15

Injuries Reported FY 14: 14

Garrison	ATEC	Tenants
6	3	5
DES 1	CG	CCM
DES-F	IM 2	CPAC
DES-L 3	MT	McAfee
DPW 2	RO 1	MICC
EEO	SE	TMDE 1
GRM	SV	TRAC
HR	SO	LRC 4
MWR	RM	
PAIO	FBR	
RSO		
AA		
PAC		

Injuries Reported FY 15: 27

Garrison	ATEC	Tenants
13	6	8
DES	CG	CCM 1
DES-F 4	IM 3	CPAC
DES-L 6	MT	McAfee
DPW 3	RO 2	MICC
EEO	SE	TMDE 1
GRM	SV	TRAC
		LRC 6
HR	SO	
MWR	RM	
	FBR 1	
PAIO		
RSO		
AA		
PAC		





# WORKERS' COMPENSATION

## Nature of Injury/Occupational Disease FY 15

<u>Nature of Injury</u>	<u># Claimed</u>
Sprain/Strain (non-back)	9
Sprain/Strain (back)	5
Miscellaneous	5
Minor Contusions, bruise or abrasions	4
Laceration	2
<u>Occupational Disease</u>	<u># Claimed</u>
Anxiety	2





# WORKER'S COMPENSATION

## Continuation of Pay (COP)

1<sup>st</sup> & 2<sup>nd</sup> Qtr.

FY 14

Number of Employees: 1  
Number of Workdays: 2  
Cost: \$271

FY 15

Number of Employees: 5  
Number of Workdays: 83  
Cost: \$13,351

	Garrison	ATEC	Tenants
Number of Employees	0	1	0
Number of Workdays	0	2	0
Cost	\$0	\$271	\$0

	Garrison	ATEC	Tenants
Number of Employees	3	1	1
Number of Workdays	72	8	3
Cost	\$12,322	\$711	\$318



# WORKER'S COMPENSATION

## Leave Without Pay (LWOP)

1<sup>st</sup> & 2<sup>nd</sup> Qtr.

FY 14

Number of Employees: 2  
Number of Workdays: 158  
Cost: \$31,443

FY 15

Number of Employees: 5  
Number of Workdays: 262  
Cost: \$43,830

	Garrison	ATEC	Tenants
Number of Employees	0	1	1
Number of Workdays	0	130	28
Cost	\$0	\$28,196	\$3,247

	Garrison	ATEC	Tenants
Number of Employees	2	2	1
Number of Workdays	70	180	12
Cost	\$7,700	\$34,043	\$2,087



# Chargeback Update

## 2<sup>nd</sup> Quarter CBY 15

Costs	2 <sup>nd</sup> Qtr. 2014	2 <sup>nd</sup> Qtr. 2015
<b>Compensation</b> (non-medical exp, i.e. lost time)	\$591,965	\$527,059
<b>Medical</b>	\$226,808	\$175,579
<b>Total</b>	<b>\$818,773</b>	<b>\$702,638</b>





Next SOHAC- 29 October  
2015.





# Upcoming Safety Events

- 23 Apr 15      Stallion Safety Stand-Down
- 1 May 15        Motorcycle Safety Fun Run (Ruidoso)
- 25 May 15        Memorial Day Holiday
- TBD Jul 15       Annual Safety Coordinator Meeting
- 7 Sep 15         Labor Day Holiday
- 21 Sep 15        VPP Revalidation Audit (SE and Fire Department)





# 1AD SAFETY ALERT 15-007



**SAFETY ALERT 15-007**

**1AD SAFETY SENDS  
"NO MORE PREVENTABLE DEATHS"**

**ON-DUTY FATALITY**

A 1<sup>ST</sup> ARMORED DIVISION SOLDIER WAS FATALLY INJURED ON 31 March 2015 AT 0450 HRS AT A FIELD TRAINING LOCATION NEAR ORO GRANDE, NEW MEXICO. THE SOLDIER WAS ASLEEP ON A COT IN THE UNIT TACTICAL ASSEMBLY AREA WHEN A MINE-RESISTANT AMBUSH PROTECTED (MRAP) ALL TERRAIN VEHICLE (M-ATV) BACKED OVER HIM. THE SOLDIER WAS GIVEN CPR BUT WAS DECLARED DECEASED AT THE SITE. THE VEHICLE WAS OPERATING UNDER BLACKOUT DRIVE CONDITIONS.

**RECOMMENDED SAFE VEHICLE/ FIELD OPERATION PRACTICES**

- ENFORCE PROPER GROUND GUIDE PROCEDURES DURING ALL VEHICLE MOVEMENTS IN TACTICAL ASSEMBLY AREAS.
- ENFORCE USAGE OF DESIGNATED SLEEP AREAS.
- PLAN, BRIEF, REHEARSE, AND BACK BRIEF SLEEPING PLANS FOR ALL TACTICAL TRAINING EVENTS.

**RECOMMENDED LEADER INVOLVEMENT**

- BRIEF VEHICLE PARKING AND SLEEPING AREA STANDARDS TO ALL PERSONNEL PRIOR TO DEPLOYING TO THE FIELD.
- IDENTIFY AND MARK ALL VEHICLE PARKING AND SLEEPING AREAS – BOTH DAY AND NIGHT WHILE IN THE FIELD.
- ENSURE ALL VEHICLE OPERATORS WALK AROUND THEIR VEHICLE BEFORE CONDUCTING MOVEMENT.
- ENSURE REAR GROUND GUIDES ARE USED FOR ALL BACKING, ESPECIALLY AT NIGHT.
- ENSURE THE USE OF NVGs DURING NIGHT OPERATIONS.

**THIS IS THE 1<sup>ST</sup> FORT BLISS ON-DUTY FATALITY IN 2015!**

**ENSURE WIDEST DISSEMINATION**

**BRIEF TO SOLDIERS & POST ON BULLETIN BOARDS!**

**SAFETY FIRST**

**SOLDIERS ALWAYS**

**ALERT 15-007**

RELEASE DOD 010000Z

LAD SAFF 15-007

**AMERICA'S ARMORED DIVISION**

- Enforce proper ground guide procedures.
- Enforce usage of designated sleep areas.
- Plan, brief, rehearse, and back brief sleeping plans.
- Brief vehicle parking and sleeping area Standards.
- Identify and mark all vehicle parking and sleeping areas.
- Ensure all vehicle operators walk around their vehicle before conducting movement.
- Ensure rear ground guides are used for all backing, especially at night.
- Ensure the use of NVGs during night operations.



IRON SOLDIERS!  
U.S.ARMY



# COMMENTS ?

